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1. A method of generating optical emissions from metallic point sources, comprising the steps of:

forming micron-size droplets having individual droplet diameters of approximately 10 micrometers to approximately 100 micrometers, each containing nano-size particles, each nano-size particle ranging in size from approximately 5nm to approximately 100nm;

passing the droplets into individual target sources;

irradiating the individual target sources with a laser beam having substantially identical diameter to each of the individual droplets; and

producing optical emissions from the irradiated target sources , wherein the steps of forming, passing, irradiating and producing occur at room temperature.

2. The method of claim 1, wherein the droplets include:

nano particles of metals in a liquid.

3. The method of claim 2, wherein the liquid is selected from at least one of:

H₂O, oil, oleates, soapy solutions, and alcohol.

4. The method of claim 2, wherein the droplets include:

Tin(Sn) nano-particles in the liquid.

5. The method of claim 2, wherein the droplets include:

Copper(Cu) nano-particles in the liquid.

6. The method of claim 2, wherein the droplets include:

Zinc(Zn) nano-particles in the liquid.

7. The method of claim 2, wherein the droplets include:
Gold(Au) nano-particles in the liquid.
8. The method of claim 2, wherein the droplets include:
Aluminum(Al) nano-particles in the liquid.
9. The method of claim 2, wherein the droplets include:
Bismuth(Bi) nano-particles in the liquid.
10. The method of claim 1, wherein the room temperature includes:
approximately 10 degrees to approximately 30 degrees C.
11. The method of claim 1, wherein the optical emissions include:
EUV emissions.
12. The method of claim 1, wherein the optical emissions include:
XUV emissions.
13. The method of claim 1, wherein the optical emissions include:
X-ray emissions.
14. The method of claim 1, wherein the optical emissions include:
wavelengths of approximately 11.7 nm.
15. The method of claim 1, wherein the optical emissions include:
wavelengths of approximately 13 nm.

16. The method of claim 1, wherein the optical emissions include:
wavelength ranges of approximately 0.1 nm to approximately 100 nm.
17. The method of claim 1, wherein the optical emissions include:
wavelength ranges of approximately 0.5 nm to approximately 1.5 nm.
18. The method of claim 1, wherein the optical emissions include:
wavelength ranges of approximately 2.3 nm to approximately 4.5 nm.
19. An apparatus for generating optical emissions from metallic point sources, comprising:
means for forming micron-size droplets having individual droplet diameters of approximately 10 micrometers to approximately 100 micrometers, each containing nano-size particles , each nano-size particle ranging in size from approximately 5nm to approximately 100nm;
means for feeding the droplets into a target path of individual target sources;
means for irradiating the individual target sources with a laser beam; and
means for generating optical emissions from the irradiated target sources , wherein the steps of forming, passing, irradiating and producing occur at room temperature.
20. The apparatus of claim 19, wherein the laser beam includes:
a substantially identical diameter to each of the individual droplets.
21. The apparatus of claim 19, wherein the droplets include:
nano particles of metals in a liquid.
22. The apparatus of claim 19, wherein the liquid is selected from at least one of:
H₂O, oil, oleates, soapy solutions, and alcohol.

23. The apparatus of claim 19, wherein the droplets include:
Tin(Sn) nano-particles in the liquid.
24. The apparatus of claim 19, wherein the droplets include:
Copper(Cu) nano-particles in the liquid.
25. The apparatus of claim 19, wherein the droplets include:
Zinc(Zn) nano-particles in the liquid.
26. The apparatus of claim 19, wherein the droplets include:
Gold(Au) nano-particles in the liquid.
27. The apparatus of claim 19, wherein the droplets include:
Aluminum(Al) nano-particles in the liquid.
28. The apparatus of claim 19, wherein the droplets include:
Bismuth(Bi) nano-particles in the liquid.